

Table L-7. Phytoplankton collected from Pond C and Par Pond

Species	Pond C	Par Pond
Bacillariophyta		
<u>Achanthes linearis</u> (W. Smith) Grun.	X ^b	X
<u>Achanthes minutissima</u> Kutz.	X	X
<u>Asterionella formosa</u> Hassal.	X	X
<u>Atthea zachariasii</u> J. Brun.		X
<u>Caloneis</u> sp.	X	
<u>Cyclotella stelligera</u> Cleve and Grun.	X	X
<u>Cymbella minuta</u> Hilsc ex. Rabh.	X	X
<u>Eunotia pectinalis</u> (Kutz.) Rabh.	X	X
<u>Fragilaria crotonesis</u> Kitton	X	X
<u>Frustulia rhomboides</u> (Ehr.) Det.		X
<u>Gomphonema gracile</u> Ehr.		
<u>Gomphonema parvulum</u> Kutz.	X	
<u>Melosira ambigua</u> (Grun.) O. Miller	X	
<u>Melosira granulata</u> (Ehr.) Ralfs	X	X
<u>Melosira granulata</u> v. <u>angustissima</u> Mull.	X	X
<u>Navicula cryptocephala</u> Kutz.	X	X
<u>Navicula hustedtii</u> Krasske	X	
<u>Navicula</u> sp.		X
<u>Nitzschia acicularis</u> W. Smith	X	X
<u>Nitzschia denticula</u> Grun.		X
<u>Nitzschia dissipata</u> (Kutz.) Grun.	X	X
<u>Nitzschia holsatica</u> Hust.		X
<u>Nitzschia palea</u> (Kutz.) W. Smith	X(M) ^c	X
<u>Rhizosolenia eriensis</u> H. L. Smith	X	X(M)
<u>Stauroneis</u> sp.		X
<u>Stephanodiscus hantzschii</u> Grun.		
<u>Stephanodiscus</u> sp.		X
<u>Synedra delicatissima</u> W. Smith		X
<u>Synedra rumpens</u> Kutz.	X	X
<u>Synedra planktonica</u> Hains and Sebring	X	X(M)
<u>Synedra ulna</u> (Nitz.) Ehr.	X	X
<u>Synedra vaucheriae</u> Kutz.		X
<u>Tabellaria fenestrata</u> (Lynbg.) Kutz.	X	X(M)
Chlorophyta		
<u>Actinastrum hantzschii</u> Lag.		X
<u>Ankistrodesmus convolutus</u> Corda		X
<u>Ankistrodesmus falcatus</u> (Corda) Ralfs	X	X(M)
<u>Ankistrodesmus falcatus</u> v. <u>mirabilis</u> (Corda) Ralfs		X(M)
<u>Ankistrodesmus spiralis</u> (Turner) Lemm.		X(M)
<u>Arthrodesmus</u> sp.		X
<u>Botryococcus braunii</u> Kuetzing		
<u>Carteria</u> sp.	X	X
<u>Chlamydomonas</u> sp.	X(M)	X(M)

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(continued)

Species	Pond C	Par Pond
Chlorophyta (continued)		
<u>Chlorogonium elongatum</u> (Dang.) Franze	X(M)	
<u>Chlorogonium euchlorum</u> Ehr.	X(M)	
<u>Closteridium lunula</u> Nitzsch.	X	
<u>Closteridium</u> sp.		
<u>Closteriopsis longissima</u> Lemm.		X
<u>Coelastrum cambricum</u> Archer	X	X
<u>Coelastrum proboscideum</u> Bohlin	X	X
<u>Cosmarium</u> sp. 1		X
<u>Cosmarium tenue</u> Archer		
<u>Crucigenia quadrada</u> Morren		X
<u>Crucigenia tetrapedia</u> (Kirch.) West and West		X
<u>Dictyosphaerium pulchellum</u> Wood		X
<u>Elakatothrix gelatinosa</u> Wille		X
<u>Elakatothrix viridis</u> (Snow) Printz		
<u>Eudorina elegans</u> Ehr.		X
<u>Franceia droescheri</u> (Lemm.) G. M. Smith	X	X
<u>Franceia ovalis</u> (France) Lemm.		X
<u>Gloeocystis ampla</u> (Kutz.) Lag.		X
<u>Gloeocystis gigas</u> (Kutz.) Lag.		X
<u>Gloeocystis planctonica</u> (West and West) Lemm.	X	X
<u>Gloeocystis vesiculosa</u> Naeg.		X
<u>Gloeocystis</u> sp.		X
<u>Golenkinia radiata</u> (Chod.) Wille	X	X(M)
<u>Gonatozygon aculeatum</u> Hastings		
<u>Gonatozygon brebissonii</u> De Bary		X
<u>Gonium pectorale</u> Mueller	X	X
<u>Kirchneriella contorta</u> (Schmidle) Bohlin		
<u>Kirchneriella lunaris</u> (Kirch.) Moebius		
<u>Kirchneriella subsolitaria</u> G. S. West	X	X
<u>Lagerheimia quadriseta</u> (Lemm.) G. M. Smith		X
<u>Lagerheimia</u> sp.		
<u>Micractinium pusillum</u> Fresenius	X(M)	X
<u>Mougeotia</u> sp.	X	X
<u>Nephrocytium</u> sp.	X	
<u>Oedogonium</u> sp.	X	
<u>Oocystis borgei</u> Snow		X
<u>Oocystis elliptica</u> W. West		X
<u>Oocystis gloecystiformis</u> Borge		
<u>Oocystis lacustris</u> Chod		X
<u>Oocystis parva</u> West and West		
<u>Oocystis pusilla</u> Hansgirg	X	X
<u>Pandorina charkowiensis</u> Korshikov	X	
<u>Pandorina morum</u> (Muell) Bory	X	

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(continued)

Species	Pond C	Par Pond
Chlorophyta (continued)		
<u>Pediastrum boryanum</u> (Turp) Meneghini		X
<u>Pediastrum duplex</u> Meyen	X	
<u>Pleurotaenium</u> sp.		
<u>Plurotaenium tridentulum</u> (Wolle) West		X
<u>Protococcus viridis</u> C. A. Agardh		
<u>Scenedesmus abundans</u> (Kirch.) Chod.	X	
<u>Scenedesmus bijuga</u> (Turp.) Lag.	X	
<u>Scenedesmus brevispina</u> (Smith) Chod.	X	X
<u>Scenedesmus denticulatus</u> Lag.	X	X
<u>Scenedesmus intermedius</u> Chod.		X
<u>Scenedesmus longispina</u> v. <u>asymmetricus</u> Hortob.	X	
<u>Scenedesmus opoliensis</u> P. Richter	X	X
<u>Scenedesmus quadricausa</u> (Turp) Breb.	X	X
<u>Schroederia setigera</u> (Schroed.) Lemm.	X	X
<u>Selenastrum capricornutum</u> Printz.		X
<u>Selenastrum gracile</u> Reinsch		X
<u>Selenastrum minutum</u> (Naeg.) Collins	X(M)	X(M)
<u>Staurastrum brasiliense</u> W. and G. S. West		
<u>Staurastrum chaetoceros</u> (Schroed.) G. M. Smith		X
<u>Staurastrum paradoxum</u> Meyen		X
<u>Staurastrum ravenellii</u> Irene-Marie		X
<u>Staurastrum</u> sp. 1	X	X
<u>Staurastrum</u> sp. 2		
<u>Tetraedron caudatum</u> (Corda) Hansgirg	X	X
<u>Tetraedron gracile</u> (Reinsch) Hansgirg	X	
<u>Tetraedron minimum</u> (A. Braun) Hansgirg		X
<u>Tetraedron regulare</u> Kutz.		X
<u>Tetraedron</u> sp.		X
<u>Tetraedron trigonum</u> (Naeg.) Hansgirg		X
<u>Tetrastrum staurogeniaeforme</u> (Schroed.) Lemm		X
Undetermined green flagellates		X(M)
<u>Westella botryoides</u> (W. West) deWildemann		X
<u>Xanthidium cristatum</u> v. <u>leioderium</u> W. and G. S. West		
<u>Xanthidium</u> sp.		X
Cyanophyta		
<u>Anabaena</u> sp.	X	X(M)
<u>Anacystis</u> sp.	X	X(M)
<u>Arthrospira jenneri</u> (Kutz) Stitz.		
<u>Arthrospira</u> sp.	X	
<u>Chroococcus limneticus</u> Lemm.		
<u>Chroococcus</u> sp.	X	X
<u>Dactylococcopsis fascicularis</u> Lemm.	X	

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(continued)

Species	Pond C	Par Pond
Cyanophyta (continued)		
<u>Lyngbya limnetica</u> Lemm.	X(M)	X(M)
<u>Mastigocladus laminosus</u> Cohn.	X(M)	X
<u>Merismopedia</u> sp.	X	
<u>Merismopedia tenuissima</u> Lemm.	X	X
<u>Merismopedia trolleri</u> Bachmann		
<u>Oscillatoria geminata</u> Menegh	X	X
<u>Oscillatoria princeps</u> Vaucher	X	
<u>Oscillatoria</u> sp.	X	
<u>Phormidium</u> sp.	X(M)	X
<u>Schizothrix</u> sp.		X
<u>Spirulina major</u> Kutz.		X
Cryptophyta		
<u>Chroomonas</u> sp.	X	
<u>Cryptomonas erosa</u> Ehr.	X	X(M)
<u>Cryptomonas marsonii</u> Skuja		X
<u>Rhodomonas minuta</u> Skuja	X(M)	X(M)
<u>Rhodomonas</u> sp.	X	X(M)
Chrysophyta		
<u>Chromulina</u> sp.	X(M)	
<u>Dinobyron divergens</u> Imhof.	X(M)	X
<u>Dinobyron sertularia</u> Ehr.		
<u>Mallomonas alpina</u> Pascher and Ruttner		
<u>Mallomonas caudata</u> Conrad		X
<u>Mallomonas pseudocoronata</u> Prescott		X
<u>Mallomonas</u> sp.		X
<u>Mallomonas tonsurata</u> Teiling		X
<u>Ochromonas</u> sp.		X
<u>Ophiocytium capitatum</u> Wolle		
<u>Ophiocytium capitatum</u> v. <u>longispinum</u> (Moebius) Lemm.		X
<u>Synura caroliniana</u> Whitford		
<u>Synura petersenii</u> Korshikov		X
<u>Synura uvella</u> Ehr.		X
Pyrrhophyta		
<u>Glenodinium</u> sp.		X
<u>Peridinium</u> sp.	X	X

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(continued)

Species	Pond C	Par Pond
Euglenophyta		
<u>Euglena minuta</u> Prescott		X
<u>Euglena</u> sp. 1		
<u>Euglena</u> sp. 2	X	X
<u>Eutreptia viridis</u> Perty	X	
<u>Lepocinclis</u> sp.		
<u>Phacus</u> sp.	X	
<u>Trachelomonas horrida</u> Palmer		X
<u>Trachelomonas</u> sp.	X	
<u>Trachelomonas volvocina</u> Ehr.	X	
Rhodophyta		
<u>Audouinella violacea</u> (Kuetz.) Hamel	X	

^aTaken from Wilde (1983).

^bX = observed in a least one sample from the reservoir.

CM = major taxon comprising more than 5 percent of the total phytoplankton in at least one sample.